

**Get Started with Microsoft Copilot for Security (SC-5006)**

**Course Number:** MOC-SC-5006
**Duration:** 1 day

**Overview**

This official Microsoft course, Get Started with Microsoft Copilot for Security training (SC-5006), teaches attendees to leverage AI to process security signals and respond to threats at machine speed, all while building an understanding of the underlying AI concepts.

**Prerequisites**

All students must have a working knowledge of:

* Security operations and incident response
* Microsoft security products and services

**Materials**

All Microsoft training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Explore how language models enable AI applications and services to generate original content based on natural language input
* Understand how generative AI enables the creation of copilots that can assist humans in creative tasks
* Implement AI responsibly to minimize the risk of harmful content generation
* Understand Microsoft Copilot for Security prompts
* Master the elements of an effective prompt and how to enable the solution
* Explore plugins and promptbooks
* Export and share information from Copilot
* Understand the scenarios supported by the Copilot embedded experience in Microsoft’s security solutions
* Explore use cases of Microsoft Copilot for Security in the standalone and embedded experiences

**Outline**

* Introduction
* Fundamental AI Concepts
	+ Understand machine learning
	+ Understand computer vision
	+ Understand natural language processing
	+ Understand document intelligence and knowledge mining
	+ Understand generative AI
	+ Challenges and risks with AI
	+ Understand Responsible AI
* Fundamentals of Generative AI
	+ What is generative AI?
	+ What are language models?
	+ Using language models
	+ What are copilots?
	+ Microsoft Copilot
	+ Considerations for Copilot prompts
	+ Extending and developing copilots
	+ Explore Microsoft Copilot
* Fundamentals of Responsible Generative AI
	+ Plan a responsible generative AI solution
	+ Identify potential harms
	+ Measure potential harms
	+ Mitigate potential harms
	+ Operate a responsible generative AI solution
	+ Explore content filters in Azure OpenAI
* Describe Microsoft Copilot for Security
	+ Get acquainted with Microsoft Copilot for Security
	+ Describe Microsoft Copilot for Security terminology
	+ Describe how Microsoft Copilot for Security processes prompt requests
	+ Describe the elements of an effective prompt
	+ Describe how to enable Microsoft Copilot for Security
* Describe the Core Features of Microsoft Copilot for Security
	+ Describe the features available in the standalone experience of Microsoft Copilot for Security
	+ Describe the features available in a session of the standalone experience
	+ Describe the Microsoft plugins available in Microsoft Copilot for Security
	+ Describe the non-Microsoft plugins supported by Microsoft Copilot for Security
	+ Describe custom promptbooks
	+ Describe knowledge base connections
* Describe the Embedded Experiences of Microsoft Copilot for Security
	+ Describe Microsoft Copilot in Microsoft Defender XDR
	+ Microsoft Copilot in Microsoft Purview
	+ Microsoft Copilot in Microsoft Entra
	+ Microsoft Copilot in Microsoft Intune
	+ Microsoft Copilot in Microsoft Defender for Cloud (Preview)
* Explore Use Cases of Microsoft Copilot for Security
	+ Explore the first run experience
	+ Explore the standalone experience
	+ Configure the Microsoft Sentinel plugin
	+ Enable a custom plugin
	+ Explore file uploads as a knowledge base
	+ Create a custom promptbook
	+ Explore the capabilities of Copilot in Microsoft Defender XDR
	+ Explore the capabilities of Copilot in Microsoft Purview
* Conclusion